

## DECLARATION OF PERFORMANCE

Nro. 072-FF-2014-04-14

1. **Unique identification code of the product-type:** Extruded polystyrene (XPS) Finnfoam FI-300/50PLUMBING CHANNEL 500x285mm.

2. **Allowing identification of the construction product:** EAN-Code: 64 18711 13650 7

3. **Intended uses of the construction product:** Products are used as thermal insulation. Product applications are specified in the web site [www.finnfoam.fi](http://www.finnfoam.fi).

4. **Name, registered trade name and contact address of the manufacturer:**

Finnfoam Oy (0689386-6)

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24100 Salo, Finland

Tel. +358 2 777 300

Fax: +358 2 777 3020

Email: [finnfoam@finnfoam.fi](mailto:finnfoam@finnfoam.fi)

6. **System of attestation of conformity:** AVCP 3

7. **Declaration of performance concerning a construction product covered by a harmonized standard:**

VTT Expert Services (NB. 0809) and Institute of thermal insulation of Vilnius Gediminas Technical University (NB. 1688) performed initial type testing under system 3 and issued test/calculation reports.

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9. Declared performance:

Essential characteristics	Performance	Harmonized technical specification
Reaction to fire	F	EN 13164:2012 EN 14934:2007
Long term water absorption by total immersion	WL(T)0,7	
Long term water absorption by diffusion	WD(V)2	
Release of dangerous substances	No releases	
Thermal resistance $R_D$ (m <sup>2</sup> K)/W	1,45	
Thermal conductivity $\lambda_D$ W/(mK)	0,035	
Thickness	T1	
Water vapour transmission	NPD	
Compressive strength	CS(10\Y)250	
Tensile strength	NPD	
Dimensional stability	DS(70,90)	
Freeze-thaw resistance	FTCD1	
Compressive creep	CC(2/1,5/50)130	
Cyclic loading	NPD	

Safety data sheet: [www.finnfoam.fi/kayttoturvallisuustiedote](http://www.finnfoam.fi/kayttoturvallisuustiedote)

Signed for and on behalf of the manufacturer by:

Henri Nieminen, CEO

Salo 14.4.2014



(signature)